

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,110,169 B1  
APPLICATION NO. : 10/014679  
DATED : September 19, 2006  
INVENTOR(S) : Walker et al.

Page 1 of 3

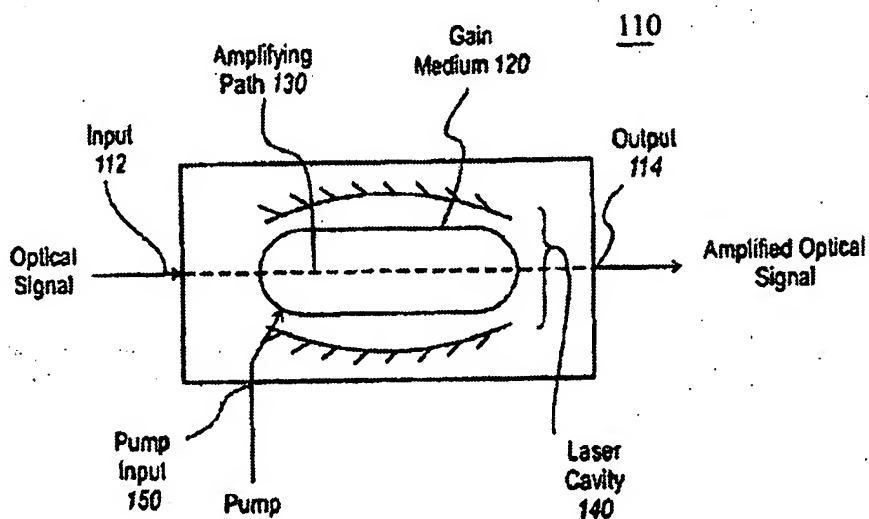
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page

Item 56, OTHER PUBLICATIONS, Line 3, before "unnumbered", change "i" to --1--

Drawings

Sheet 14, replace Fig. 5, with the figure depicted herein below, wherein the label "100" has been changed to --110--



**Fig. 5**

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

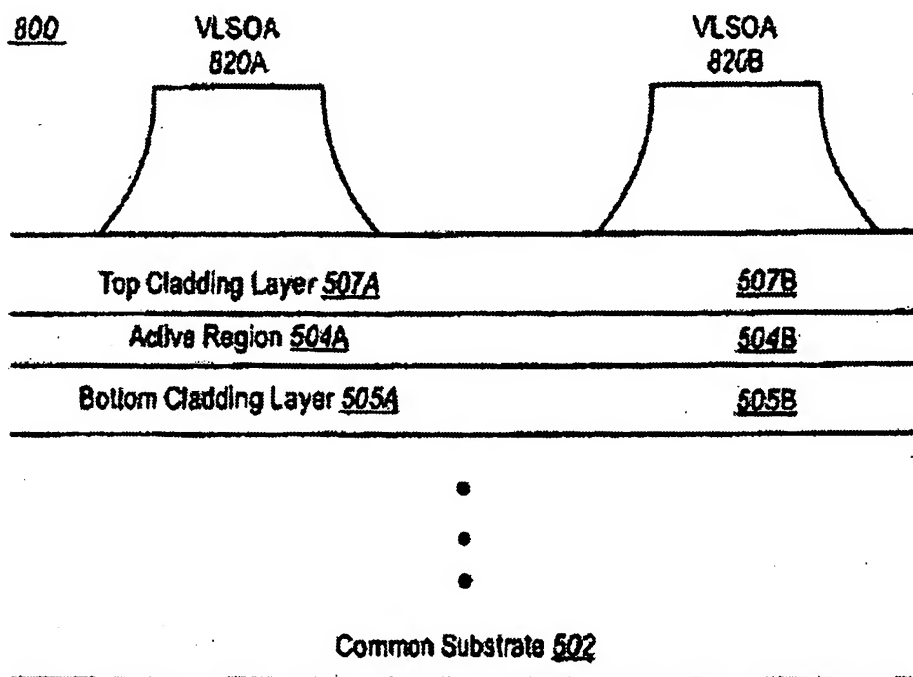
PATENT NO. : 7,110,169 B1  
APPLICATION NO. : 10/014679  
DATED : September 19, 2006  
INVENTOR(S) : Walker et al.

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings

Sheet 19, replace Fig. 8 with the figure depicted herein below, wherein the optical device has been labeled --800--



**Fig.8**

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,110,169 B1  
APPLICATION NO. : 10/014679  
DATED : September 19, 2006  
INVENTOR(S) : Walker et al.

Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6

Line 47, change "SOAS" to --SOAs--

Column 9

Line 67, after "devices", insert --,--

Column 20

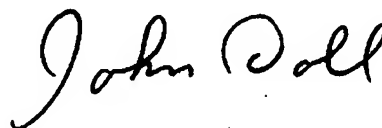
Line 40, after "filled", insert --,--

Column 23

Line 56, after "substrate", change ":" to --;--

Signed and Sealed this

Seventeenth Day of February, 2009



JOHN DOLL

*Acting Director of the United States Patent and Trademark Office*